

# Rodrigo G Stabeli

## List of Publications by Year in descending order

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55  
papers

2,140  
citations

201674

27  
h-index

233421

45  
g-index

57  
all docs

57  
docs citations

57  
times ranked

2104  
citing authors

#	ARTICLE	IF	CITATIONS
1	Diversity of Culturable Bacteria Isolated From the Feces of Wild <i>Anopheles darlingi</i> (Diptera: Tj ETQq1 1 0.784314 rgBT /Overlock	1.8	9
2	Engineering of single-domain antibodies for next-generation snakebite antivenoms. International Journal of Biological Macromolecules, 2021, 185, 240-250.	7.5	9
3	Synergism of in vitro plasmodicidal activity of phospholipase A2 isoforms isolated from panamanian <i>Bothrops asper</i> venom. Chemico-Biological Interactions, 2021, 346, 109581.	4.0	7
4	A review of plant-based expression systems as a platform for single-domain recombinant antibody production. International Journal of Biological Macromolecules, 2021, 193, 1130-1137.	7.5	9
5	Single domain antibodies in the development of immunosensors for diagnostics. International Journal of Biological Macromolecules, 2020, 165, 2244-2252.	7.5	19
6	Camelid Single-Domain Antibodies (VHHs) against Crotoxin: A Basis for Developing Modular Building Blocks for the Enhancement of Treatment or Diagnosis of Crotalic Envenoming. Toxins, 2018, 10, 142.	3.4	18
7	Snake Venom, A Natural Library of New Potential Therapeutic Molecules: Challenges and Current Perspectives. Current Pharmaceutical Biotechnology, 2018, 19, 308-335.	1.6	20
8	Molecular cloning and structural modelling of gamma-phospholipase A2 inhibitors from <i>Bothrops atrox</i> and <i>Micrurus lemniscatus</i> snakes. International Journal of Biological Macromolecules, 2017, 103, 525-532.	7.5	6
9	A simple methodology to collect culturable bacteria from feces of <i>Anopheles darlingi</i> (Diptera: Tj ETQq1 1 0.784314 rgBT /Overlock	1.6	12
10	Camelid Single-Domain Antibodies As an Alternative to Overcome Challenges Related to the Prevention, Detection, and Control of Neglected Tropical Diseases. Frontiers in Immunology, 2017, 8, 653.	4.8	28
11	Mechanism of the cytotoxic effect of L-amino acid oxidase isolated from <i>Bothrops alternatus</i> snake venom. International Journal of Biological Macromolecules, 2016, 92, 329-337.	7.5	28
12	Merozoite-Protein Loaded Liposomes Protect against Challenge in Two Murine Models of Plasmodium Infection. ACS Biomaterials Science and Engineering, 2016, 2, 2276-2286.	5.2	5
13	p38 MAPK is involved in human neutrophil chemotaxis induced by L-amino acid oxidase from <i>Calloselasma rhodostoma</i> . Toxicon, 2016, 119, 106-116.	1.6	22
14	BbrzSP-32, the first serine protease isolated from <i>Bothrops brazili</i> venom: Purification and characterization. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2016, 195, 15-25.	1.8	20
15	A novel synthetic quinolinone inhibitor presents proteolytic and hemorrhagic inhibitory activities against snake venom metalloproteases. Biochimie, 2016, 121, 179-188.	2.6	12
16	Inhibition of the Myotoxicity Induced by <i>Bothrops jararacussu</i> Venom and Isolated Phospholipases A2 by Specific Camelid Single-Domain Antibody Fragments. PLoS ONE, 2016, 11, e0151363.	2.5	39
17	The effect of 3 $\beta$ , 6 $\beta$ , 16 $\beta$ -trihydroxylup-20(29)-ene lupane compound isolated from <i>Combretum leprosum</i> Mart. on peripheral blood mononuclear cells. BMC Complementary and Alternative Medicine, 2015, 15, 420.	3.7	5
18	Biological characterization of the Amazon coral <i>Micrurus spixii</i> snake venom: Isolation of a new neurotoxic phospholipase A2. Toxicon, 2015, 103, 1-11.	1.6	27

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19	BbMP-1, a new metalloproteinase isolated from Bothrops brazili snake venom with inÂvitro antiplasmodial properties. <i>Toxicon</i> , 2015, 106, 30-41.	1.6	18
20	Activation of J77A.1 Macrophages by Three Phospholipases A <sub>2</sub> Isolated from <i>Bothrops atrox</i> Snake Venom. <i>BioMed Research International</i> , 2014, 2014, 1-13.	1.9	29
21	Biochemical and Functional Characterization of <i>Parawixia bistriata</i> Spider Venom with Potential Proteolytic and Larvicidal Activities. <i>BioMed Research International</i> , 2014, 2014, 1-13.	1.9	4
22	Antitumoral Activity of Snake Venom Proteins: New Trends in Cancer Therapy. <i>BioMed Research International</i> , 2014, 2014, 1-19.	1.9	131
23	Snake Venom L-Amino Acid Oxidases: Trends in Pharmacology and Biochemistry. <i>BioMed Research International</i> , 2014, 2014, 1-19.	1.9	135
24	Purification and Biochemical Characterization of Three Myotoxins from <i>Bothrops matogrossensis</i> Snake Venom with Toxicity against <i>Leishmania</i> and Tumor Cells. <i>BioMed Research International</i> , 2014, 2014, 1-13.	1.9	35
25	Isolation and Biochemical Characterization of a New Thrombin-Like Serine Protease from <i>Bothrops pirajai</i> Snake Venom. <i>BioMed Research International</i> , 2014, 2014, 1-13.	1.9	18
26	Effect of l-amino acid oxidase from <i>Calloselasma rhodosthoma</i> snake venom on human neutrophils. <i>Toxicon</i> , 2014, 80, 27-37.	1.6	36
27	Novel Camelid Antibody Fragments Targeting Recombinant Nucleoprotein of <i>Araucaria hantavirus</i> : A Prototype for an Early Diagnosis of Hantavirus Pulmonary Syndrome. <i>PLoS ONE</i> , 2014, 9, e108067.	2.5	17
28	Liposomal-lupane system as alternative chemotherapy against cutaneous leishmaniasis: Macrophage as target cell. <i>Experimental Parasitology</i> , 2013, 135, 337-343.	1.2	37
29	Isolation and expression of a hypotensive and anti-platelet acidic phospholipase A2 from <i>Bothrops moojeni</i> snake venom. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2013, 73, 35-43.	2.8	45
30	Genotoxic effect of <i>Bothrops</i> snake venoms and isolated toxins on human lymphocyte DNA. <i>Toxicon</i> , 2013, 65, 9-14.	1.6	52
31	Biochemical Characterization, Action on Macrophages, and Superoxide Anion Production of Four Basic Phospholipases A <sub>2</sub> from Panamanian <i>Bothrops asper</i> Snake Venom. <i>BioMed Research International</i> , 2013, 2013, 1-9.	1.9	10
32	Local and systemic biochemical alterations induced by <i>Bothrops atrox</i> snake venom in mice. <i>Journal of Venom Research</i> , 2012, 3, 28-34.	0.6	9
33	Evaluation of the genotoxicity of <i>Crotalus durissus terrificus</i> snake venom and its isolated toxins on human lymphocytes. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2011, 724, 59-63.	1.7	39
34	Activity of the Lupane isolated from <i>Combretum leprosum</i> against <i>Leishmania amazonensis</i> promastigotes. <i>Journal of the Brazilian Chemical Society</i> , 2011, 22, 936-942.	0.6	23
35	Using multidimensional projection techniques for reaching a high distinguishing ability in biosensing. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 400, 1153-9.	3.7	20
36	Dermaseptin O1 as antimicrobial peptide with rich biotechnological potential: study of peptide interaction with membranes containing <i>Leishmania amazonensis</i> lipid-rich extract and membrane models. <i>Journal of Peptide Science</i> , 2011, 17, 700-707.	1.4	20

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37	Structural and Functional Characterization of a $\beta$ -Type Phospholipase A2 Inhibitor from Bothrops jararacussu Snake Plasma. <i>Current Topics in Medicinal Chemistry</i> , 2011, 11, 2509-2519.	2.1	25
38	Biosensors for Efficient Diagnosis of Leishmaniasis: Innovations in Bioanalytics for a Neglected Disease. <i>Analytical Chemistry</i> , 2010, 82, 9763-9768.	6.5	66
39	Enzymatic and structural characterization of a basic phospholipase A2 from the sea anemone <i>Condylactis gigantea</i> . <i>Biochimie</i> , 2010, 92, 1063-1071.	2.6	37
40	Incorporation of antigenic GPI-proteins from <i>Leishmania amazonensis</i> to membrane mimetic systems: Influence of DPPC/cholesterol ratio. <i>Journal of Colloid and Interface Science</i> , 2009, 333, 373-379.	9.4	11
41	Lipid microspheres loaded with antigenic membrane proteins of the <i>Leishmania amazonensis</i> as a potential biotechnology application. <i>Journal of Colloid and Interface Science</i> , 2009, 340, 112-118.	9.4	13
42	Snake Venom L-Amino Acid Oxidases: Some Consideration About their Functional Characterization. <i>Protein and Peptide Letters</i> , 2009, 16, 908-912.	0.9	33
43	Myotoxic phospholipases A2 isolated from <i>Bothrops brazili</i> snake venom and synthetic peptides derived from their C-terminal region: Cytotoxic effect on microorganism and tumor cells. <i>Peptides</i> , 2008, 29, 1645-1656.	2.4	89
44	Molecular characterization of BjuSSU-SP-I, a new thrombin-like enzyme with procoagulant and kallikrein-like activity isolated from <i>Bothrops jararacussu</i> snake venom. <i>Biochimie</i> , 2008, 90, 500-507.	2.6	23
45	Snake Venom Phospholipase A2 Inhibitors: Medicinal Chemistry and Therapeutic Potential. <i>Current Topics in Medicinal Chemistry</i> , 2007, 7, 743-756.	2.1	87
46	Molecular approaches for structural characterization of <i>Bothrops</i> -l-amino acid oxidases with antiprotozoal activity: cDNA cloning, comparative sequence analysis, and molecular modeling. <i>Biochemical and Biophysical Research Communications</i> , 2007, 355, 302-306.	2.1	48
47	Cytotoxic l-amino acid oxidase from <i>Bothrops moojeni</i> : Biochemical and functional characterization. <i>International Journal of Biological Macromolecules</i> , 2007, 41, 132-140.	7.5	87
48	Molecular characterization and phylogenetic analysis of BjuSSU-MP-I: A RGD-P-III class hemorrhagic metalloprotease from <i>Bothrops jararacussu</i> snake venom. <i>Journal of Molecular Graphics and Modelling</i> , 2007, 26, 69-85.	2.4	27
49	<i>Bothrops moojeni</i> myotoxin-II, a Lys49-phospholipase A2 homologue: An example of function versatility of snake venom proteins. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2006, 142, 371-381.	2.6	59
50	Biological and enzymatic activities of <i>Micrurus</i> sp. (Coral) snake venoms. <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2005, 140, 125-134.	1.8	51
51	Rosmarinic acid, a new snake venom phospholipase A2 inhibitor from <i>Cordia verbenacea</i> (Boraginaceae): antiserum action potentiation and molecular interaction. <i>Toxicon</i> , 2005, 46, 318-327.	1.6	150
52	Platelet aggregation and antibacterial effects of an l-amino acid oxidase purified from <i>Bothrops alternatus</i> snake venom. <i>Bioorganic and Medicinal Chemistry</i> , 2004, 12, 2881-2886.	3.0	120
53	A new hemorrhagic metalloprotease from <i>Bothrops jararacussu</i> snake venom: isolation and biochemical characterization. <i>Toxicon</i> , 2004, 44, 215-223.	1.6	42
54	Alkylation of myotoxic phospholipases A2 in <i>Bothrops moojeni</i> venom: a promising approach to an enhanced antivenom production. <i>International Journal of Biochemistry and Cell Biology</i> , 2004, 36, 258-270.	2.8	34

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55	Structural and functional analysis of BmjMIP, a phospholipase A2 myotoxin inhibitor protein from Bothrops moojeni snake plasma. Biochemical and Biophysical Research Communications, 2003, 302, 193-200.	2.1	52